Guinea Pig Neuroblastoma, suppression of tumorigenicity 1 ELISA Kit | NBL1 elisa kit

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CATALOG #	REACTIVITY
AAA95077	**Guinea Pig**

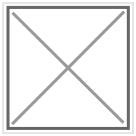
PRODUCT SYNONYMS

Neuroblastoma; suppression of tumorigenicity 1; Guinea pig Neuroblastoma; suppression of tumorigenicity 1 ELISA Kit; NBL1 elisa kit

PRODUCT SPECIFICATIONS

Reactivity	Guinea Pig
Samples	Serum, plasma, Cell Culture Supernatants, body fluid and tissue homogenate
Assay Type	Competitive
Sensitivity	0.1 ng/mL.
Preparation and Storage	Store all reagents at 2-8 degree C.

IMAGES



Standard Curve (Sample)

ADDITIONAL INFORMATION

Related Product Information for NBL1 elisa kit	**Intended Uses:** This NBL1 ELISA kit is a 1.5 hour solid-phase ELISA designed for the quantitative determination of Guinea pig NBL1. This ELISA kit for research use only! **Principle of the Assay:** NBL1 ELISA kit applies the competitive enzyme immunoassay technique utilizing a monoclonal anti-NBL1 antibody and an NBL1-HRP conjugate. The assay sample and buffer are incubated together with NBL1-HRP conjugate in pre-coated plate for one hour. After the incubation period, the wells are decanted and washed five times. The wells are then incubated with a substrate for HRP enzyme. The product of the enzyme-substrate reaction forms a blue colored complex. Finally, a stop solution is added to stop the reaction, which will then turn the solution yellow. The intensity of color is measured spectrophotometrically at 450nm in a microplate reader. The intensity of the color is inversely proportional to the NBL1 concentration since NBL1 from samples and NBL1-HRP conjugate compete for the anti-NBL1 antibody binding site. Since the number of sites is limited, as more sites are occupied by NBL1 from the sample, fewer sites are left to bind NBL1-HRP conjugate. A standard curve is plotted relating the intensity of the color (O.D.) to the concentration of standards. The NBL1 concentration in each sample is interpolated from this standard curve.

NCBI AND UNIPROT INFORMATION

NCBI GI #	15080589
NCBI GeneID	4681
Molecular Weight	23,169 Da
NCBI Official Full Name	Neuroblastoma, suppression of tumorigenicity 1

NCBI Official Synonym Full Names	neuroblastoma 1, DAN family BMP antagonist
NCBI Official Symbol	NBL1
NCBI Official Synonym Symbols	NB; DAN; NO3; DAND1; D1S1733E
NCBI Protein Information	neuroblastoma suppressor of tumorigenicity 1; DAN domain family member 1; differential screening-selected gene aberrant in neuroblastoma; neuroblastoma candidate region, suppression of tumorigenicity 1
UniProt Protein Name	Neuroblastoma suppressor of tumorigenicity 1
UniProt Gene Name	**NBL1**
UniProt Synonym Gene Names	DAN; DAND1
UniProt Entry Name	NBL1_HUMAN

For Research Use Only. Not for use in diagnostic or therapeutic procedures. Small volumes of product may become entrapped in the seal of the vial during shipment and storage; if necessary, briefly centrifuge the vial on a tabletop centrifuge to dislodge any liquid in the cap.

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Online datasheet: https://stage.aaabiotech.com/nbl1-guinea-pig-pig-elisa-kits/neuroblastoma-suppression-of-tumorigenicity-1/95077